

01-18-02

A

Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	F0595
First Inventor	Bharath Rangarajan
Title	INTERLAYER DIELECTRIC VOID DETECTION
Express Mail Label No.	EL798606414US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 17]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 16]
5. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____

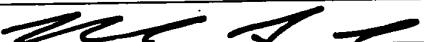
Prior application information:

Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> Correspondence address below
Name	Himanshu S. Amin			
Address	Amin & Turocy, LLP			
	1900 E. 9th Street, 24th Floor, National City Center			
City	Cleveland	State	Ohio	Zip Code
Country		Telephone	216.696.8730	Fax
Name (Print/Type)	Himanshu S. Amin	Registration No. (Attorney/Agent)	40,894	
Signature				Date
				January 16, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 864.00)

Complete if Known

Application Number	
Filing Date	Herewith
First Named Inventor	Bharath Rangarajan
Examiner Name	
Group Art Unit	
Attorney Docket No.	F0595

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																																																																				
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number 50-1063 Deposit Account Name Amin & Turocy, LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th colspan="3">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td colspan="3">Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td colspan="3">Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td colspan="3">Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td colspan="3">For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td colspan="3">Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td colspan="3">Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td colspan="3">Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td colspan="3">Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td colspan="3">Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td colspan="3">Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td colspan="3">Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td colspan="3">Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td colspan="3">Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td colspan="3">Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td colspan="3">Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td colspan="3">Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td colspan="3">Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td colspan="3">Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td colspan="3">Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td colspan="3">Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td colspan="3">Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td colspan="3">Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td colspan="3">Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td colspan="3">Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td colspan="3">Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td colspan="3">For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td colspan="3">Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td colspan="3">Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td><td colspan="2">SUBTOTAL (3) (\$ 40.00)</td></tr> </tbody> </table>						Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description			Fee Paid	105	130	205	65	Surcharge - late filing fee or oath				127	50	227	25	Surcharge - late provisional filing fee or cover sheet				139	130	139	130	Non-English specification				147	2,520	147	2,520	For filing a request for ex parte reexamination				112	920*	112	920*	Requesting publication of SIR prior to Examiner action				113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action				115	110	215	55	Extension for reply within first month				116	400	216	200	Extension for reply within second month				117	920	217	460	Extension for reply within third month				118	1,440	218	720	Extension for reply within fourth month				128	1,960	228	980	Extension for reply within fifth month				119	320	219	160	Notice of Appeal				120	320	220	160	Filing a brief in support of an appeal				121	280	221	140	Request for oral hearing				138	1,510	138	1,510	Petition to institute a public use proceeding				140	110	240	55	Petition to revive - unavoidable				141	1,280	241	640	Petition to revive - unintentional				142	1,280	242	640	Utility issue fee (or reissue)				143	460	243	230	Design issue fee				144	620	244	310	Plant issue fee				122	130	122	130	Petitions to the Commissioner				123	50	123	50	Processing fee under 37 CFR 1.17(q)				126	180	126	180	Submission of Information Disclosure Stmt				581	40	581	40	Recording each patent assignment per property (times number of properties)			40.00	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))				149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))				179	740	279	370	Request for Continued Examination (RCE)				169	900	169	900	Request for expedited examination of a design application				Other fee (specify) _____						SUBTOTAL (3) (\$ 40.00)	
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description			Fee Paid																																																																																																																																																																																																																																																
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																		
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																		
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																																																																		
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																		
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																		
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																		
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																		
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																																																																		
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																																																																		
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																																																																		
119	320	219	160	Notice of Appeal																																																																																																																																																																																																																																																		
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																																		
121	280	221	140	Request for oral hearing																																																																																																																																																																																																																																																		
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																		
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																		
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																																																																																		
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																																																																		
143	460	243	230	Design issue fee																																																																																																																																																																																																																																																		
144	620	244	310	Plant issue fee																																																																																																																																																																																																																																																		
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																		
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																																																																		
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																		
581	40	581	40	Recording each patent assignment per property (times number of properties)			40.00																																																																																																																																																																																																																																															
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																		
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																		
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																		
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																																																																		
Other fee (specify) _____						SUBTOTAL (3) (\$ 40.00)																																																																																																																																																																																																																																																
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																																																																																																						
FEE CALCULATION																																																																																																																																																																																																																																																						
1. BASIC FILING FEE																																																																																																																																																																																																																																																						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description				Fee Paid																																																																																																																																																																																																																																																
101	740	201	370	Utility filing fee		740.00																																																																																																																																																																																																																																																
106	330	206	165	Design filing fee																																																																																																																																																																																																																																																		
107	510	207	255	Plant filing fee																																																																																																																																																																																																																																																		
108	740	208	370	Reissue filing fee																																																																																																																																																																																																																																																		
114	160	214	80	Provisional filing fee																																																																																																																																																																																																																																																		
SUBTOTAL (1) (\$ 740.00)																																																																																																																																																																																																																																																						
2. EXTRA CLAIM FEES																																																																																																																																																																																																																																																						
Total Claims		Extra Claims		Fee from below		Fee Paid																																																																																																																																																																																																																																																
11	-20** = 0		x 18.00	= 0																																																																																																																																																																																																																																																		
Independent Claims 4	- 3** = 1		x 84.00	= 84.00																																																																																																																																																																																																																																																		
Multiple Dependent																																																																																																																																																																																																																																																						
3. ADDITIONAL FEES																																																																																																																																																																																																																																																						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description				Fee Paid																																																																																																																																																																																																																																																
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																																																																		
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																																																																																		
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																																																																																		
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																																																																																		
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																		
SUBTOTAL (2) (\$ 84.00)																																																																																																																																																																																																																																																						

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Himanshu S. Amin		Registration No. (Attorney/Agent)	40,894	Telephone	216.696.8730	
Signature			Date	January 16, 2002			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

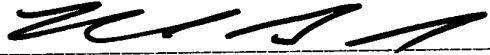
**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Bharath Rangarajan
Title	INTERLAYER DIELECTRIC VOID DETECTION
Atty Docket Number	F0595

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

January 16, 2002

Date



Signature

Himanshu S. Amin (Reg. No. 40,894)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.